

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.4640001	APPLICATION NO. 09/438,358
	APPLICANT Gerard <i>et al.</i>	
	FILING DATE November 12, 1999	GROUP 1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA2	AA1	4,673,640	06/16/1987	Backman, K.C.	435	69.1	04/30/1984
	AB1	4,743,546	05/10/1998	Backman <i>et al.</i>	435	108	02/13/1985
	AC1	4,959,317	09/25/1990	Sauer B.L.	435	172.3462	04/29/1987
	AD1	5,227,288	07/13/1993	Blattner, F.R.	435	6	10/01/1990
	AE1	5,354,668	10/11/1994	Auerbach, J.I.	435	91.1	10/15/1993
	AF1	5,434,066	07/18/1995	Bebbee, R.L., <i>et al.</i>	435	172.3475	03/15/1994
	AG1	5,470,727	11/28/1995	Mascarenhas <i>et al.</i>	435	172.3	12/21/1993
	AH1	5,591,609	01/07/1997	Auerbach, J.I.	435	91.2	02/03/1995
	AI1	5,614,389	03/25/1997	Auerbach, J.I.	435	91.2	09/26/1995
	AJ1	5,635,381	06/03/1997	Hooykaas <i>et al.</i>	435	172.3	01/20/1995
	AK1	5,658,772	08/19/1997	Odell <i>et al.</i>	435	172.3 288	07/27/1994

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AA2	AL1	EP 0 160 571 A2	11/06/1985	Europe	/	/	Yes No
AA2	AM1	EP 0 300 422	01/25/1989	Europe	/	/	Yes No
AA2	AN1	WO 91/02801	03/07/1991	WFO PCT	/	/	Yes No
AA2	AO1	WO 91/16427	10/31/1991	WFO PCT	/	/	Yes No
AA2	AP1	WO 92/20791	11/26/1992	WFO PCT	/	/	Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AA2	AR	1	Abremski, K., and Gottesman, S., "Purification of the Bacteriophage λ <i>xis</i> Gene Product Required for λ Excisive Recombination," <i>J. Biol. Chem.</i> 257(16):9658-9662 (1982).
AA2	AS	1	Abremski, K., and Hoess, R., "Bacteriophage P1 Site-specific Recombination - Purification and Properties of the Cre Recombinase Protein," <i>J. Biol. Chem.</i> 259:1509-1514 (1984).
	AT	1	Abremski, K., <i>et al.</i> , "Bacteriophage P1 Cre- <i>loxP</i> Site-specific Recombination: Site-specific DNA Topoisomerase Activity of the Cre Recombination Protein," <i>J. Biol. Chem.</i> 261(1):391-396 (1986).

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Donald B. H. H.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA2	AA2	5,677,170	10/14/1997	Devine <i>et al.</i>	435	20.1	03/02/1994
	AB2	5,677,177	10/14/1997	Wahl <i>et al.</i>	435	325	06/07/1995
	AC2	5,710,248	01/20/1998	Grose, C.F.	530	327	07/29/1996
	AD2	5,723,765	03/03/1998	Oliver <i>et al.</i>	800	208	06/07/1995
	AE2	5,733,733	03/31/1998	Auerbach, J.I.	435	6	02/01/1996
	AF2	5,733,743	03/31/1998	Johnson <i>et al.</i>	435	320.1	06/10/1996
	AG2	5,744,336	04/28/1998	Hodges <i>et al.</i>	435	172.3 320.1	03/08/1996
	AH2	5,766,891	06/16/1998	Shuman, S.	435	91.41	12/19/1994
	AI2	5,776,449	07/07/1998	Baum <i>et al.</i>	424	93.2	09/20/1996
	AJ2	5,830,707	11/03/1998	Bushman, F.D.	435	69.7	06/05/1995
	AK2	5,837,242	11/17/1998	Holliger <i>et al.</i>	424	136.1	05/14/1996

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AA2	AL2	WO 93/15191	08/05/1993	WFO PCT	/	/	Yes No
AA2	AM2	WO 93/19172	09/30/1993	WFO PCT	/	/	Yes No
AA2	AN2	CA 2,141,412	02/17/1994	Canada			Yes No
AA2	AO2	WO 94/17176	08/04/1994	WFO PCT	/	/	Yes No
AA2	AP2	WO 97/06265	02/20/1997	WFO PCT	/	/	Yes No

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AA2	AR	2	Abremski, K., <i>et al.</i> , "Studies on the Properties of P1 Site-Specific Recombination: Evidence for Topologically Unlinked Products Following Recombination," <i>Cell</i> 32:1301-1311 (1993).
AA2	AS	2	Adams, D. E., <i>et al.</i> , "Cre-lox Recombination in <i>Escherichia coli</i> Cells: Mechanistic Differences from the <i>in Vitro</i> Reaction," <i>J. Mol. Biol.</i> 226:661-673 (1992).
AA2	AT	2	Andrews, B.J., <i>et al.</i> , "The FLP Recombinase of the 2 μ Circle DNA of Yeast: Interaction with Its Target Sequences," <i>Cell</i> 40:795-803 (1985).

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AA2	AA3	5,843,772	12/01/1998	Devine, S.E., <i>et al.</i>	435	69.1	11/18/1994
	AB3	5,851,808	12/22/1998	Elledge <i>et al.</i>	435	172.391.4	02/28/1997
	AC3	5,858,657	01/12/1999	Winter <i>et al.</i>	435	6	06/07/1995
	AD3	5,871,907	02/16/1999	Winter <i>et al.</i>	435	6	03/31/1994
	AE3	5,874,259	02/23/1999	Szybalski, W.	435	91.1	11/21/1997
	AF3	5,888,732	03/30/1999	Hartley <i>et al.</i>	435	6	06/07/1996
	AG3	5,916,804	06/29/1999	Bushman, F.D.	435	325	04/17/1998
	AH3	5,919,676	07/06/1999	Graham <i>et al.</i>	435	172.391.4	06/07/1995
	AI3	5,928,914	07/27/1999	Leboulch <i>et al.</i>	435	172.3456	11/05/1996
	AJ3	5,989,872	11/22/1999	Luo <i>et al.</i>	435	91.2	08/12/1997
AA2	AK3	6,010,884	01/04/2000	Griffiths <i>et al.</i>	435	69.7	05/29/1996

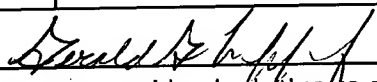
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AA2	AL3	WO 97/09436	03/13/1997	WIPO PCT			Yes No
AA2	AM3	WO 97/25446	07/17/1997	WIPO PCT			Yes No
AA2	AN3	WO 97/32481	09/12/1997	WIPO PCT			Yes No
AA2	AO3	WO 98/10086	03/12/1998	WIPO PCT			Yes No
AA2	AP3	WO 99/10488	03/04/1999	WIPO PCT			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AA2	AR	3	Andrews, B.J., <i>et al.</i> , "Interaction of the FLP Recombinase of the <i>Saccharomyces cerevisiae</i> 2 μ Plasmid with Mutated Target Sequences," <i>Mol. Cell. Biol.</i> 6:2482-2489 (1986).
AA2	AS	3	Anton, M., and Graham, F.L., "Site-Specific Recombination Mediated by an Adenovirus Vector Expressing the Cre Recombinase Protein: a Molecular Switch for Control of Gene Expression," <i>J. Virol.</i> 69:4600-4606 (1995).
AA2	AT	3	Araki, H., <i>et al.</i> , "Site-specific Recombinase, R, Encoded by Yeast Plasmid pSR1," <i>J. Mol. Biol.</i> 225:25-37 (1992).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA4	AA4	6,063,627	06/16/2000	McVey <i>et al.</i>	435	440	02/25/1998
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AA2	AR	4	Argos, P., <i>et al.</i> , "The integrase family of site-specific recombinases: regional similarities and global diversity," <i>EMBO J.</i> 5(2):433-440 (1986).
	AS	4	Atlung, T., <i>et al.</i>, "A versatile method for integration of genes and gene fusions into the λ attachment site of <i>Escherichia coli</i>," <i>Gene</i> 107:11-17 (1991).
	AT	4	Ausubel, F.M., <i>et al.</i>, "Maps of Plasmids pBR322 and pUC19," in <i>Current Protocols in Molecular Biology</i>, John Wiley & Sons, Inc., Boston, MA, (1995).

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	5	Ausubel, F.M., <i>et al.</i> , "Mutagenesis by the Polymerase Chain reaction," in: <i>Current Protocols in Molecular Biology</i> , Boston: John Wiley & Sons, Inc., pp. 8.5.1-8.5.9 (1995).
AA2	AS	5	Babineau, D. <i>et al.</i> , "The FLP Protein of the 2-micro Plasmid of Yeast," <i>J. Biol. Chem.</i> 260:12313-12391 (1985).
AA2	AT	5	Balakrishnan, R., <i>et al.</i> , "A gene cassette for adapting <i>Escherichia coli</i> strains as hosts for att-Int-mediated rearrangement and p_L expression vectors," <i>Gene</i> 138:101-104 (January 1994).

EXAMINER <i>Gerald R. Huff</i>	DATE CONSIDERED 11-3-00
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AAZ	AR	6	Bayley, C.C., <i>et al.</i> , "Exchange of gene activity in transgenic plants catalyzed by the Cre-lox site specific recombination system," <i>Plant Mol. Biol.</i> 18:353-361 (1992).
AAZ	AS	6	Bethke, B., and Saur, B., "Segmental genomic replacement by Cre-mediated recombination: genotoxic stress activation of the p53 promoter in single-copy transformants," <i>Nucl. Acids Res.</i> 25:2828-2834 (July 1997).
AAZ	AT	6	Bernard, P., and Couturier, M., "Cell Killing by the F plasmid Ccldb Protein Involves Poisoning of DNA-topoisomerase II Complexes," <i>J. Mol. Biol.</i> 226:735-745 (1992).

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	AL						Yes
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	AM						Yes
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	AN						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AAZ	AR	Z	Bernard, P., "Positive Selection of Recombinant DNA by CcdB," <i>BioTechniques</i> 21:320-323 (1996).
AAZ	AS	Z	Betz, U. A. K., <i>et al.</i> , "Bypass of lethality with mosaic mice generated by Cre-loxP-mediated recombination," <i>Curr. Biol.</i> 6:1307-1316 (1996).
AAZ	AT	Z	Bhandari, P and Gowrishankar, J., "An <i>Escherichia coli</i> host strain useful for efficient overproduction of cloned gene products with NaCl as the inducer," <i>J. Bacteriol</i> 179:4403-4406 (July 1997).
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	AL						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

770	AR	8	Black, L.W., "In vitro packaging into phage T4 particles and specific recircularization of phage lambda DNAs," <i>Gene</i> 46:97-101 (1986).
772	AS	8	Bloch, C.A., et al., "Purification of <i>Escherichia coli</i> Chromosomal Segments without Cloning," <i>Biochem. Biophys. Res. Comm.</i> 223:104-111 (1996).
772	AT	8	Bochner, B. R., et al., "Positive Selection for Loss of Tetracycline Resistance," <i>J. Bacteriol.</i> 143:926-933 (1980).

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	AL						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	2	Boyd, A. C., "Turbo cloning: a fast, efficient method for cloning PCR products and other blunt-ended DNA fragments into plasmids," <i>Nucl. Acids Res.</i> 21(4):817-821 (1993).
AA2 AS	2	Broach, J. R., <i>et al.</i> , "Recombination within the Yeast Plasmid 2 μ Circle is Site-Specific," <i>Cell</i> 29:227-234 (1982).
AA2 AT	2	Brunelli, J. P. and Pall, M. L., "A Series of Yeast/ <i>Escherichia coli</i> λ Expression Vectors Designed for Directional Cloning of cDNAs and <i>cre/lox</i> -Mediated Plasmid Excision," <i>Yeast</i> 9:1309-1318 (1993).

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	AO						Yes No
	AP						Yes No

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AR	10	Brunelli, J.P., and Pall, M.L., "Lambda/Plasmid Vector Construction by <i>In Vivo cre/lox</i> -Mediated Recombination," <i>BioTechniques</i> 16(6):1061-1064 (1994).
AS	10	Bubeck, P., <i>et al.</i> , "Rapid cloning by homologous recombination <i>in vivo</i> ," <i>Nucl. Acids Res.</i> 21:3601-3602 (1993).
AT	10	Buchholz, F., <i>et al.</i> , "A simple assay to determine the functionality of Cre or FLP recombination targets in genomic manipulation constructs," <i>Nucl. Acids Res.</i> 24(15):3118-3119 (1996).

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AA2	AR	11	Buchholz, F., <i>et al.</i> , "Different thermostabilities of FLP and Cre recombinases: implications for applied site-specific recombination," <i>Nucl. Acids Res.</i> 24(21):4256-4262 (1996).
AA2	AS	11	Bushman, W., <i>et al.</i> , "Control of Directionality in Lambda Site Specific Recombination," <i>Science</i> 230:906-911 (1985).
AA2	AT	11	Campbell, A. M., "Chromosomal Insertion Sites for Phages and Plasmids," <i>J. Bacteriol.</i> 174(23):7495-7499 (1992).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	12	Chapin, S.J. <i>et al.</i> , "Differential expression of alternatively spliced forms of MAP4: a repertoire of structurally different microtubule-binding domains," <i>Biochem.</i> 34:2289-2301 (1995).
AS	12	Chatterjee, P.K., and Coren, J.S., "Isolating large nested deletions in bacterial and P1 artificial chromosomes by <i>in vivo</i> P1 packaging of products of Cre-catalysed recombination between the endogenous and a transposed <i>loxP</i> site," <i>Nucl. Acids Res.</i> 25:2205-2212 (June 1997).
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AA2	AR	13	Cox, M.M., "The FLP protein of the yeast 2- μ m plasmid: Expression of a eukaryotic genetic recombination system in <i>Escherichia coli</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 80:4223-4227 (1983).
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AR	19	Gu, H., <i>et al.</i> , "Deletion of a DNA polymerase beta gene segment in T cells using cell type-specific gene targeting," <i>Science</i> 265:103-106 (1994).
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772	AR	20	Hasan, N., and Szybalski, W., "Control of cloned gene expression by promoter inversion in vivo: construction of improved vectors with a multiple cloning site and the p_{tac} promoter," <i>Gene</i> 56:145-151 (1987).
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AR	21	Hoekstra, M. F., <i>et al.</i> , "Shuttle Mutagenesis: Bacterial Transposons for Genetic Manipulations in Yeast," <i>Meth. Enzymol.</i> 194:329-342 (1991).
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AAZ	AR	23	Holt, C.L., and May, G.S., "A novel phage λ replacement Cre-lox vector that has automatic subcloning capabilities," <i>Gene</i> 133:95-97 (1993).
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AAZ	AT	23	Jaffé, A., <i>et al.</i> , "Effects of the <i>ccd</i> Function of the F Plasmid on Bacterial Growth," <i>J. Bacteriol.</i> 163:841-849 (1985).

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AAZ	AR	24	Kanaar, R., <i>et al.</i> , "Gin-Mediated Recombination of Catenated and Knotted DNA Substrates: Implications for the Mechanism of Interaction Between <i>Cis</i> -Acting Sites," <i>Cell</i> 58:147-159 (1989).
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AS	26	Lafontaine, D., and Tollervey, D., "One-step PCR mediated strategy for the construction of conditionally expressed and epitope tagged yeast proteins," <i>Nucl. Acids Res.</i> 24:2469-2472 (1996).
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AR	28	Lebreton, B., <i>et al.</i> , "Mutations That Improve the Binding of Yeast FLP Recombinase to Its Substrate," <i>Genetics</i> 118:393-400 (1988).
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AT	28	Leong, J.M., <i>et al.</i> , "Generation of single base-pair deletions, insertions, and substitutions by a site-specific recombination system," <i>Proc. Natl. Acad. Sci. USA</i> 82:6990-6994 (1985).

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AS	29	Lorbach, E. <i>et al.</i> , "Site-specific Recombination in Human Cells Catalyzed by Phage λ Integrase Mutants," <i>J. Mol. Biol.</i> 296:1175-1181 (March 2000).
AT	29	Luckow, V. A., <i>et al.</i> , "Efficient Generation of Infectious Recombinant Baculoviruses by Site-Specific Transposon-Mediated Insertion of Foreign Genes into a Baculovirus Genome Propagated in <i>Escherichia coli</i> ," <i>J. Virol.</i> 67(8):4566-4579 (1993).

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AR	30	Maeser, S., and Kahmann, R., "The Gin recombinase of phage Mu can catalyze site-specific recombination in plant protoplasts," <i>Mol. Gen. Genet.</i> 230:170-176 (1991).
AS	30	Mahillon, J., <i>et al.</i> , "IS231 and other <i>Bacillus thuringiensis</i> transposable elements: a review," <i>Genetica</i> 93:13-26 (1994).
AT	30	Matsuzaki, H., <i>et al.</i> , "Chromosome Engineering in <i>Saccharomyces cerevisiae</i> by Using a Site-Specific Recombination System of a Yeast Plasmid," <i>J. Bacteriol.</i> 172:610-618 (1990).

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AA2	AR	31	McCarthy, J.E. and Brimacombe, R., "Prokaryotic translation: the interactive pathway leading to initiation," <i>Trends Genet</i> 10:402-407 (1994).
AA2	AS	31	Medberry, S.L., <i>et al.</i> , "Intra-chromosomal rearrangements generated by Cre-lox site-specific recombination," <i>Nucl. Acids Res.</i> 23:485-490 (1995).
AA2	AT	31	Miki, T. <i>et al.</i> , "Control of S of Chromosomal DNA by Sex Factor F in <i>Escherichia coli</i> . Mutants of DNA Gyrase Subunit A Suppress letD (ccdB) Product Growth Inhibition," <i>J. Mol. Biol.</i> 225:39-52 (1992).

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AS	32	Mizuuchi, M. and Mizuuchi, K., "The extent of DNA sequence required for a functional bacterial attachment site of phage lambda," <i>Nucl. Acids Res.</i> 13:1193-1208 (1985).
AA2 AT	32	Mozo, T. and Hooykaas, P. J. J., "Design of a novel system for the construction of vectors for Agrobacterium-mediated plant transformation," <i>Mol. Gen. Genet</i> 236:1-7 (1992).

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AA2	AR	33	Mullins, L.J., <i>et al.</i> , "Efficient Cre-lox linearisation of BACs: applications to physical mapping and generation of transgenic animals," <i>Nucl. Acids Res.</i> 25(12):2539-2540 (June 1997).
AA2	AS	33	Nagaraja, R. and Weisberg, R. A., "Specificity Determinants in the Attachment Sites of Bacteriophages HK022 and λ ," <i>J. Bacteriol.</i> 172:6540-6550 (1990).
AA2	AT	33	Nash, H.A., "Integrative Recombination of Bacteriophage Lambda DNA <i>In Vitro</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 72:1072-1076 (1975).

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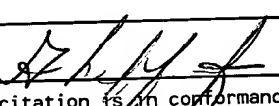
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AR	34	Nash, H.A., and Robertson, CA., "Purification and properties of the Escherichia coli protein factor required for lambda integrative recombination," <i>J. Biol. Chem.</i> 256:9246-9253 (1981).
AS	34	Nash, H. A., "Purification and Properties of the Bacteriophage Lambda Int Protein," <i>Meth. Enzymol.</i> 100:210-216 (1983).
AT	34	Nash, H. A., <i>et al.</i> , "Role of homology in site-specific recombination of bacteriophage λ : Evidence against joining of cohesive ends," <i>Proc. Natl. Acad. Sci. USA</i> 84:4049-4053 (1987).
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	AR	35	Nash, H. and C.A. Robertson, "Heteroduplex substrates for bacteriophage lambda site-specific recombination: cleavage and strand transfer products," <i>EMBO J.</i> 8:3523-3533 (1989).
AAZ	AS	35	Nash, H.A., "Bending and supercoiling of DNA at the attachment site of bacteriophage lambda," <i>Trends Biochem. Sci</i> 15:222-227 (1990).
AAZ	AT	35	Numrych, T. E., et al., "A comparison of the effects of single-base and triple-base changes in the integrase arm-type binding sites on the site-specific recombination of bacteriophage lambda," <i>Nucl. Acids Res.</i> 18:3953-3959 (1990).

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AA2	AR	36	Numrych, T.E., <i>et al.</i> , "Characterization of the bacteriophage lambda excisionase (Xis) protein: the C-terminus is required for Xis-integrase cooperativity but not for DNA binding," <i>EMBO J.</i> 11(10):3797-3806 (1992).
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AR	37	Oberto, J., <i>et al.</i> , "A segment of the phage HK022 chromosome is a mosaic of other lambdoid chromosomes," <i>Nucl. Acids Res.</i> 22(3):354-356 (1994).
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RR2	AR	38	Osborne, B.L., <i>et al.</i> , "A system for insertional mutagenesis and chromosomal rearrangement using the Ds transposon and Cre-lox," <i>Plant J.</i> 7:687-701 (1995).
	AS	38	Padgett, K. A. and Sorge, J. A., "Creating seamless junctions independent of restriction sites in PCR cloning," <i>Gene</i> 168:31-35 (1996).
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AR	39	Pan, G., <i>et al.</i> , "Ligation of Synthetic Activated DNA Substrates by Site-specific Recombinases and Topoisomerase I," <i>J. Biol. Chem.</i> 268(5):3683-3689 (1993).
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AA2	AR	40	Peredelchuk, M.Y., and Bennett, G.N., "A method for construction of <i>E. coli</i> strains with multiple DNA insertions in the chromosome," <i>Gene</i> 187:231-238 (March 1997).
AA2	AS	40	Pichel, J. G., <i>et al.</i> , "Timing of SV40 oncogene activation by site-specific recombination determines subsequent tumor progression during murine lens development," <i>Gene</i> 8:3333-3342 (1993).
	AT	40	Pierce, J. C., <i>et al.</i> , "A positive selection vector for cloning high molecular weight DNA by the bacteriophage P1 system: Improved cloning efficacy," <i>Proc. Natl. Acad. Sci. USA</i> 89:2056-2060 (1992).

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DD2	AR	41	Podhajska, A. J., <i>et al.</i> , "Control of cloned gene expression by promoter inversion in vivo: construction of the heat-pulse-activated <i>att-nutl-p-att-N</i> module," <i>Gene</i> 40:163-168 (1985).
DD2	AS	41	Pósfai, G., <i>et al.</i> , "In vivo excision and amplification of large segments of the <i>Escherichia coli</i> genome," <i>Nucl. Acids Res.</i> 22(12):2392-2398 (1994).
DD2	AT	41	Prasad, P. V., <i>et al.</i> , "Substrate Recognition by the 2 μ m Circle Site-Specific Recombinase: Effect of Mutations within the Symmetry Elements of the Minimal Substrate," <i>Mol. Cell. Biol.</i> 6:4329-4334 (1986).

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AA2	AR	42	Qian, X., <i>et al.</i> , "Reactions between Half- and Full-FLP Recombination Target Sites: A Model System for Analyzing Early Steps in FLP Protein-Mediated Site-Specific Recombination," <i>J. Biol. Chem</i> 267(11):7794-7805 (1992).
AA2	AS	42	Reed, R.R., "Transposon-Mediated Site-Specific Recombination: A Defined in Vitro System," <i>Cell</i> 25:713-719 (1981).
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AR	49	Shuman, S., "Recombination mediated by vaccinia virus DNA topoisomerase I in <i>Escherichia coli</i> is sequence specific," <i>Proc. Natl. Acad. Sci. USA</i> 88:10104-10108 (1991).
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AR	50	Snaith, M.R., <i>et al.</i> , "Multiple cloning sites carrying <i>loxP</i> and <i>FRT</i> recognition sites for the Cre and Flp site-specific recombinases," <i>Gene</i> 166:173-174 (1995).
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AR	51	Sternberg, N., <i>et al.</i> , "Bacteriophage P1 <i>cre</i> Gene and its Regulatory Region," <i>J. Mol. Biol.</i> 187:197-212 (1986).
AS	51	Sternberg, N., "Bacteriophage P1 cloning system for the isolation, amplification, and recovery of DNA fragments as large as 100 kilobase pairs," <i>Proc. Natl. Acad. Sci. USA</i> 87:103-107 (1990).
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AR	52	Strathmann, M., <i>et al.</i> , "Transposon-facilitated DNA sequencing," <i>Proc. Natl. Acad. Sci. USA</i> 88:1247-1250 (1991).
AS	52	Thompson, J.F., <i>et al.</i> , "Mutations in an Integration Host Factor-Binding Site: Effect on Lambda Site-Specific Recombination and Regulatory Implications," <i>J. Bacteriol.</i> 168:1343-1351 (1986).
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AR	54	Waterhouse, P., <i>et al.</i> , "Combinatorial infection and <i>in vivo</i> recombination: a strategy for making large phage antibody repertoires," <i>Nucl. Acids Res.</i> 21(9):2265-2266 (1993).
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AR	55	Wierzbicki, A., <i>et al.</i> , "A Mutational Analysis of the Bacteriophage P1 Recombinase Cre," <i>J. Mol. Biol.</i> 195:785-794 (1987).
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AAZ	AR	56	Wild, J., <i>et al.</i> , "Targeting and retrofitting pre-existing libraries of transposon insertions with <i>FRT</i> and <i>oriV</i> elements for in-vivo generation of large quantities of any genomic fragment," <i>Gene</i> 223:55-66 (November 1998).
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	AL						Yes
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AR	57	Yanisch-Perron, C., <i>et al.</i> , "Improved M13 phage cloning vectors and host strains: nucleotide sequences of the M13mp18 and pUC19 vectors," <i>Gene</i> 33:103-119 (1985).
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.4640001	APPLICATION NO. 09/438,358
	APPLICANT Gerard <i>et al.</i>	
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BR2	AR	58	Zhang, Y. <i>et al.</i> , "A new logic for DNA engineering using recombination in <i>Escherichia coli</i> ," <i>Nat. Genet.</i> 20:123-128 (October 1998).
BR2	AS	58	Zhu, <i>et al.</i> , "Homology requirements for ligation and strand exchange by the FLP recombinase," <i>J. Biol. Chem.</i> 270:11646-11653 (1995).
	AT	58	Bruckner, R.C. and Cox, M.M., "The histone-like H protein of <i>Escherichia coli</i> is ribosomal protein S3," <i>Nucl. Acids Res.</i> 17:3145-3161 (1989).

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AR	60	Jeong, J.-H., <i>et al.</i> , "Cloning and nucleotide sequencing of the genes, <i>rp1U</i> and <i>rp1A</i> , for ribosomal proteins L21 and L27 of <i>Escherichia coli</i> ," <i>J. DNA sequencing and Mapping</i> 4:59-67 (1993).
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AS	61	Nomura, M., <i>et al.</i> , "Regulation of the Synthesis of Ribosomes and Ribosomal Components," <i>Ann. Rev. Biochem.</i> 53:75-117 (1984).
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